



Indiana State Department of Health

WEEKLY INFLUENZA REPORT

Data as of Wednesday May 21, 2014

The following report is meant to provide local health departments, hospital administrators, health professionals and residents with a general understanding of the burden of influenza-like illness (ILI). Data from several surveillance programs were utilized to produce this report and all information is provisional. ***Data may change as information is received, reviewed and verified. The purpose of this report is to report in a timely manner what is occurring or has recently occurred.*** For further information about the data presented in this report, please call the ISDH Surveillance and Investigation Division at 317-233-7125.

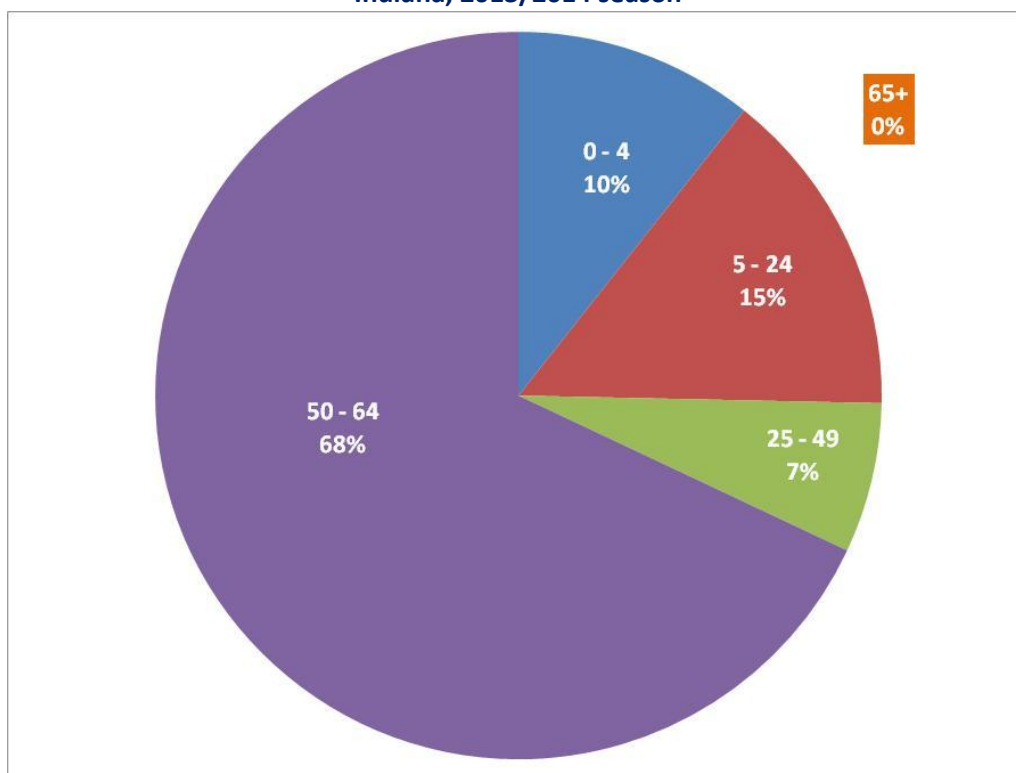
Data Summary for Week Ending May 17, 2014 (Week 20)	
Percent of ILI reported by emergency department surveillance system	0.55%
Percent of ILI reported by sentinel surveillance system	1.67%
Number of specimens submitted for influenza testing at ISDH Laboratory	5
Percent of positive influenza specimens tested at ISDH Laboratory	60%
Number of influenza-associated deaths reported for this reporting week	0
Number of influenza-associated deaths reported for 2013/2014 season	70
Counties with 5 or more reported influenza-associated deaths (<i>Marion, St. Joseph, and Lake</i>)	3
Number of Indiana schools (K-12) with absenteeism rate 20% or higher	0
Compliance of specimen submission for this reporting week	5/50 (10%)
Compliance of ILI reporting for this reporting week	24/41 (59%)

Sentinel reported influenza-like illness by sentinel type and reporting week with number of reporting sites – Indiana, 2013/2014 season*

Reporting Week	All Reporters %ILI	Universities %ILI	Non-Universities %ILI
Week 20	1.67% (24)	0.04% (8)	1.21% (16)
Week 19	0.73% (27)	0.66% (10)	0.48% (17)
Week 18	0.79% (29)	0.50% (11)	1.34% (18)

****Data obtained from the ISDH Sentinel Influenza Surveillance System. This data is subject to change as sentinel sites can back-date their weekly reports.***

Sentinel reported influenza-like illness (ILI) by Age Category for the most current week reported – Indiana, 2013/2014 season



*Data obtained from the ISDH Sentinel Influenza Surveillance System.

* This data is subject to change as sentinel sites can back-date their weekly reports.

Number of 2013/2014 reported deaths associated with laboratory confirmed influenza, by age category – Indiana

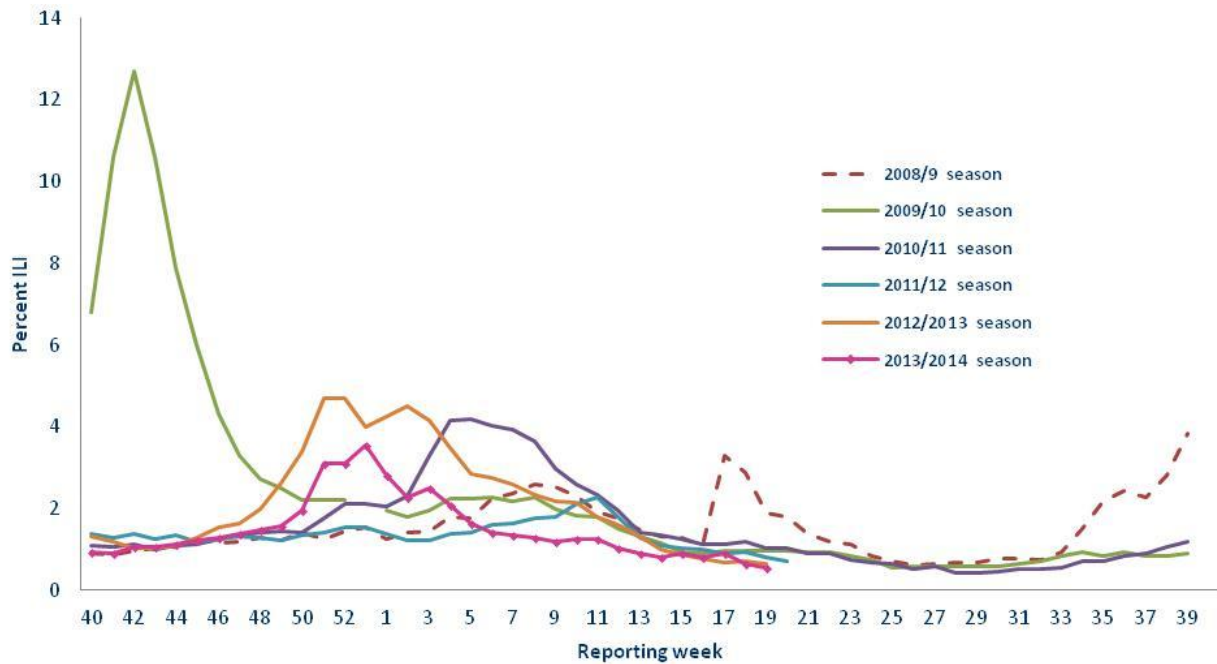
	Age category (yrs)	Total number this week	Season Total
Number of deaths associated with influenza	0-4	0	0
	5-18	0	0
	19-24	0	0
	25-49	0	19
	50-64	0	27
	65+	0	24
	Unknown	0	0
	Total	0	70

This data is subject to change as information is updated, revised or corrected.

Sentinel and ED influenza-like illness percentages by reporting week – Indiana, 2013/14 season

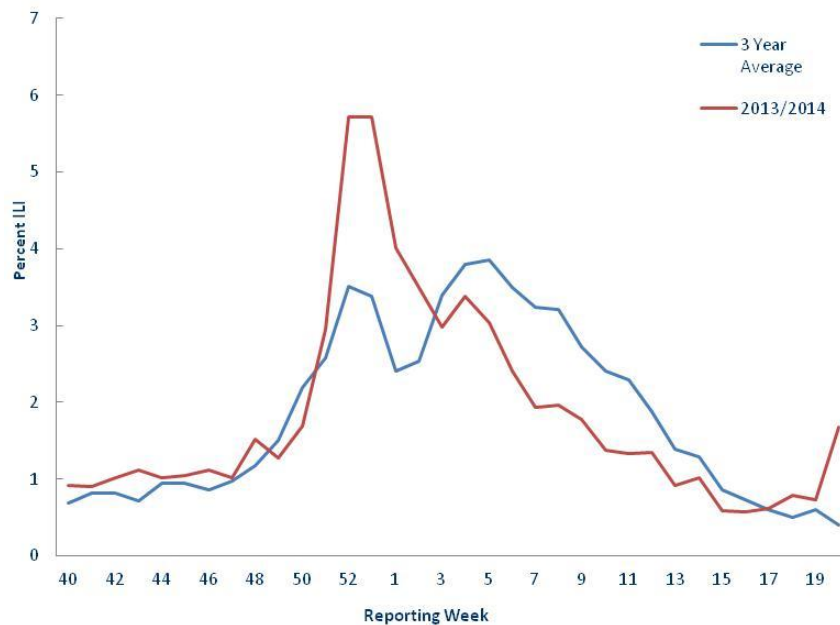
Reporting Week	ED Surveillance %ILI	Sentinel Surveillance %ILI
Week 20	0.55%	1.67%
Week 19	0.66%	0.73%
Week 18	0.89%	0.79%

**Percent of patients who presented at an emergency department (ED) with a chief complaint relating to influenza-like illness – Indiana, 13/14, 12/13, 11/12, 10/09, 09/10, 08/09 seasons*
(ED's currently reporting = 112)**



**Data obtained from the ISDH Public Health Emergency Surveillance System (PHESS).*

**Percent of patients who presented at sentinel provider clinics with symptoms relating to influenza-like illness – Indiana, and a three year baseline average*†
Number of sentinel provider clinics who reported this week = 24**



**Data obtained from the ISDH Sentinel Influenza Surveillance System.*

† Sentinel data has limited timeliness, so the data reported is for the week before the most current week. This data is subject to change as sentinel sites can back-date their weekly reports.

ISDH Laboratory data regarding circulating influenza viruses – Indiana, 2013/14 influenza season.*

PCR Result	This week's total		2013 total	
	Number	Percent of specimens received	Number	Percent of specimens received
2009 A/H1N1pdm virus	0	0%	293	42.4%
Influenza A/H3 seasonal virus	1	20%	9	1.3%
Influenza A/H1 seasonal virus	0	0%	0	0%
Influenza B seasonal virus	2	40%	11	1.6%
Influenza negative	2	40%	328	47.5%
Inconclusive	0	0%	7	1.0%
Unsatisfactory specimen†	0	0%	43	6.2%
Influenza Co-infection ^Δ	0	0%	0	0%
Total	5	100%	691	100%

Δ All previous-year co-infections have been influenza A/H3 and influenza B.

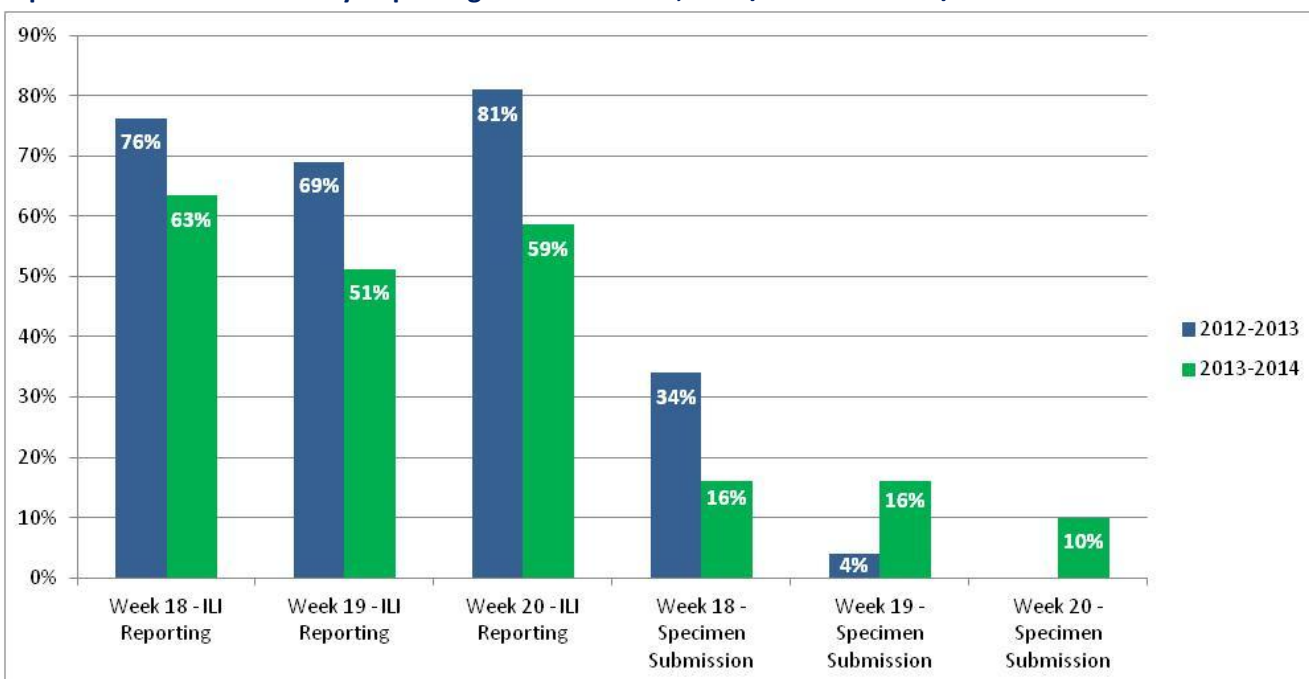
**Data obtained from the ISDH Laboratory via specimens submitted from the ISDH Sentinel Influenza Surveillance System and IN Sentinel Laboratories.*

†Unsatisfactory specimens include specimens that leaked in transit, were too long in transit, or were inappropriately labeled

OTHER CIRCULATING VIRUSES RECENTLY IDENTIFIED BY THE ISDH LABORATORY:

Other Respiratory Viruses	This Week	2014 Total (Since Oct. 1, 2013)	Early Surveillance (Sept 1-30, 2013)
Adenovirus	0	2	1
Coronavirus HKU1	0	1	0
Coronavirus OC43	0	1	0
Coxsackie A Virus	0	0	0
Coxsackie B Virus	0	0	0
Echovirus	0	0	0
Enterovirus NOS	0	0	0
Parainfluenza 1 Virus	0	8	0
Parainfluenza 2 Virus	0	1	0
Parainfluenza 3 Virus	0	0	0
Rhinovirus	0	3	0
Human Metapneumovirus	0	0	0
Respiratory Syncytial Virus	0	2	0
Total	0	17	1

Compliance of Sentinel Sites by Reporting Week – Indiana, 2013/2014 and 2012/2013 influenza seasons.*



**Data obtained from the ISDH Sentinel Influenza Surveillance System. This data is subject to change as sentinel sites can back-date their weekly reports.*

Number of schools (K-12) reporting a 20% or more absenteeism rate – Indiana, 2013/2014 school year

Health District†	Current Week	Total
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	1
9	0	0
10	0	0
Total	0	1